Abhi Gupta

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OBJECTIVE

Sophomore in Computer Science applying for software development or computer security internships, with the aim of applying my computer science skill to real world opportunities.

EDUCATION

Purdue University, West Lafayette, IN – *Computer Science*

High School: The Harker School, San Jose, CA

Technical Skills
- Programming Languages: Java, C/C++, Python, Ruby, Mobile App Development
- Familiar with Cloud Automation/Development (AWS/Azure/GCP), Github, Docker

WORK EXPERIENCE

Aviatrix Systems, Palo Alto, CA – *Software Engineer Intern (May 2017 – August 2017)*
- **Created CLI to automate cloud setup of sample testbeds**
  - automating cloud setup process in Azure, Google Cloud Platform, and Amazon Web Services
  - Extensive use of respective SDKs
  - CLI tool is used by Aviatrix 8icloud engineers to automate the testing of product in the different cloud services

ShieldX Networks, San Jose, CA – *Software Development Intern* (May 2016 – August 2016)
- **Signature development for applications**
  - Worked on threat detection rules designed to detect application requests on a network
    - I used Wireshark and Fiddler to analyze pcap files, found strings common to the various HTTP requests, and used those "identifiers" to optimize the rules
  - Utilized Amazon Web Services and Docker to create pcap files
    - I then used the pcap files I made to create more rules and expand the coverage on those applications
  - Created ~2000 threat detection rules, and modified ~1000 existing rules